

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HETEROCYCLIC COMPOUNDS FOR PREVENTING AND TREATING  
DISORDERS ASSOCIATED WITH EXCESSIVE BONE LOSS**

the specification of which was filed on December 16, 2005 as Application No. 10/561,025, which is the U.S. National phase of PCT International Application No. PCT/US04/17064 filed May 28, 2004, Attorney Docket No. 61251 (50586), as amended on December 16, 2005.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

no such foreign applications have been filed  
 such foreign application have been filed as follows:

Attorney Docket No. 61251 (50586)

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

## CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

no such U.S. provisional applications have been filed.

such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/474,550	May 29, 2003	<input checked="" type="checkbox"/> Yes No
60/474,502	May 29, 2003	<input checked="" type="checkbox"/>
60/474,410	May 29, 2003	<input checked="" type="checkbox"/>

## CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

no such U.S./PCT applications have been filed.

such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing

Attorney Docket No. 61251 (50586)

PCT/US04/17064			May 28, 2004

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 21874

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments thereto, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from Synta Pharmaceuticals Corp. as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

Please mail all correspondence to Jeffrey D. Hsi, whose address is:

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Boston, Massachusetts 02205

Please direct telephone calls to: Jeffrey D. Hsi at (617) 439-4444.

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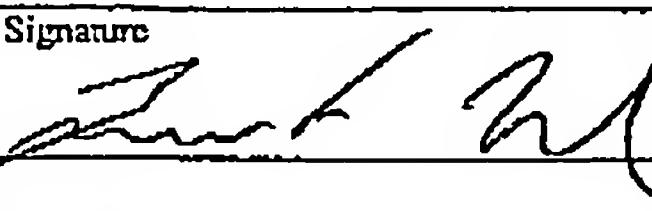
Attorney Docket No. 61251 (50586)

Full name of first inventor, if any <b>Mitsunori Ono</b>	
Inventor's Signature 	Date <b>5 / 14 / 06</b>
Residence <b>Lexington, MA 02421</b>	
Citizenship <b>Japan</b>	
Mailing Address <b>197 Wood Street Lexington, MA 02421</b>	

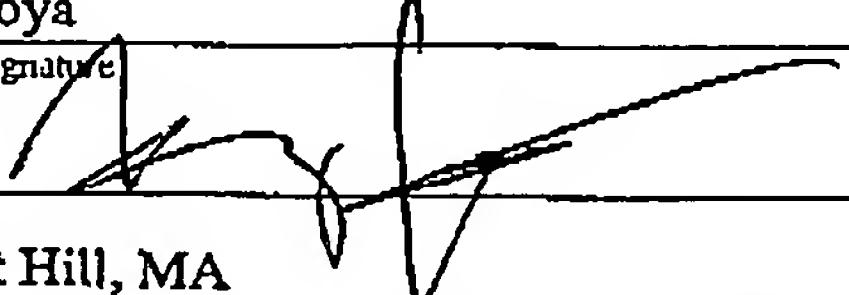
Attorney Docket No. 61251 (50586)

Full name of second inventor, if any <b>Lijun Sun</b>	
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Citizenship    People's Republic of China	
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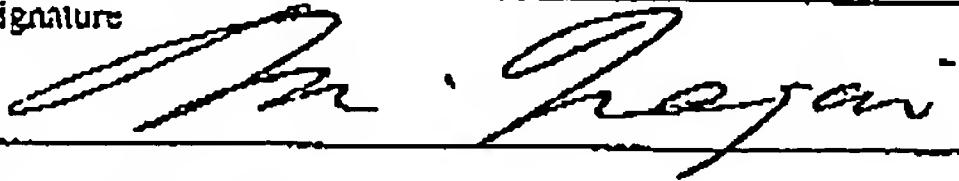
Attorney Docket No. 61251 (50586)

Full name of third inventor, if any <b>Yumiko Wada</b>	
Inventor's Signature 	Date <b>5/11/06</b>
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Attorney Docket No. 61251 (50586)

Full name of fourth inventor, if any <b>Kcizo Koya</b>	
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Attorney Docket No. 61251 (50586)

Full name of fifth inventor, if any <b>Masazumi Nagai</b>	
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